

Ship 3 MARS

Work Order ID 156530

156530

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Friday, January 27, 2017 3:26:09 PM

Item ID: D407-797-012 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: 407 Quick Release Heli-Utility-Basket™ Heavy Duty Lid - RH
Start Date: 2/28/2017 427 Start Qty: 1.00 *1* Cust Item ID:
Required Date: 3/8/2017 3/3 Req'd Qty: 1.00 *1* Customer:
Reference:

Approvals: Process Plan: [Signature] Date: JAN 27 2017 Tooling: Date: Run Start *NR1*
QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D407-797-1	B								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPPD407-797-012 CHG005								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging	****Mask label plate to size of D4307 label, use scotchbrite red pad to lightly sand area for label, apply label ****								
115	QC5- Inspect part completeness to step on W/O	0.00							
115									
QC	Memo	0.00							
Quality Control	***Inspect label on lid***								

DAS 6 9-89

Lehel DAS 21 9-89 1703-06

DAS 27 9-89 MAR 08 2017

DAS 6 9-89 DAS 28 9-89 MAR 06 2017

DAS 27 9-89

MAR 08 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Work Order ID 156530

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Item ID: D407-797-012

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: 407 Quick Release Heli-Utility-Basket™ Heavy Duty Lid - RH

Start Date: 2/20/2017 Start Qty: 1.00

1

Cust Item ID:

Required Date: 3/8/2017 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.01							
Quality Control									
130	Pick Kit	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D407-797-012								
	Location: _____								
	PPP rev: _____ Sold								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.02							
Quality Control									

SMB
17/3/8SMB
17/3/8DAS
21
9-89

MAR 08 2017

DAS
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9-89

MAR 08 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	

Root Cause			FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____				
Misidentified ☐	Past Due ☐					

Picklist Print

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Work Order ID: 156530

156530

Parent Item: D407-797-012

D407-797-012

Parent Item Name: 407 Quick Release Heli-Utility-Basket™ Heavy Duty Lid - RH

Start Date: 2/20/2017

Required Date: 3/8/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.11.29 new issue DD verf:JLM IPP Rev:B
11.02.09 as per IIN rev.A DD verf:JLM IPP Rev:C 11.09.12
@ chg 002 DD verf:EC IPP REV:D 12.03.06 AS PER
ECN12-535 DD VERF:EC IPP REV:E 12.07.24 AS PER ECN12-611
DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D407-797-111		Manufactured	No			110	Each	0.0000	1	1			
D407-797-111									**	<u>156431</u>			
407 Quick Release Mounting Provisions - Fits LH or RH													
D4272-012		Manufactured	No			110	Each	0.0000	1	1			
D4272-012									**	<u>156531</u>			
Basket Assembly, Heavy Duty Lid, RH													

DAS
28
9-89

DAS
6
9-89

MAR 06 2017

DAS
28
9-89

DAS
6
9-89

MAR 06 2017

DAS
27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

5.0 PARTS LIST

Qty -011	Qty -012	Qty -013	Qty -014	Qty -111	Part Number	Description
X					D407-797-011	QUICK RELEASE HELI-UTILITY-BASKET
	X				D407-797-012	QUICK RELEASE HELI-UTILITY-BASKET
		X			D407-797-013	QUICK RELEASE HELI-UTILITY-BASKET
			X		D407-797-014	QUICK RELEASE HELI-UTILITY-BASKET
1	1	1	1	X	D407-797-111	QUICK RELEASE BASKET MOUNTING KIT
1					D4272-011	BASKET ASSY, HEAVY DUTY LID, LH
	1				D4272-012	BASKET ASSY, HEAVY DUTY LID, RH
		1			D4272-013	BASKET ASSY, LIGHT WEIGHT LID, LH
			1		D4272-014	BASKET ASSY, LIGHT WEIGHT LID, RH
				1	D4271-011	BEAM ASSY, FWD
				1	D4271-013	BEAM ASSY, AFT
				2	D4292-1	FITTING
				2	D4294-1	FITTING
				4	D4314-1	SHIM
				4	D4314-3	SHIM
				1	D4713-1	SPACER
				2	AN6-17A	BOLT
				2	AN6-20A	BOLT
				8	NAS1149D0663J	WASHER (OR AN960JD616)
				4	MS21042L6	NUT (OR MS21042-6)
				4	MS27151-19	NUT
				4	MS24694-10	SCREW
				1	MS3367-5-0	TIE WRAP